## PVC PURPLE TUBE 8044G V2

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# SAFETY DATA SHEET

## PVC PURPLE TUBE 8044G V2

Section 1. Identification	n	
GHS product identifier	:	PVC PURPLE TUBE 8044G V2
Chemical name	:	Mixture
CAS number	:	Mixture
Other means of identification	:	CC10369409
Product type	:	solid
Relevant identified uses of the subst	ance	or mixture and uses advised against
Product use	:	Industrial applications. Plastics.
Supplier's details	:	AVIENT CORPORATION
		33587 Walker Road, Avon Lake, OH 44012
		1 (440) 930-1000 or 1 (844) 4AVIENT
Emergency telephone number	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or
(with hours of operation)		accident).

# Section 2. Hazards identification

This mixture has not been evaluated as a whole for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions.After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	:	Not classified.
GHS label elements		

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Signal word Hazard statements	:	No signal word. No known significant effects or critical hazards.
Precautionary statements		
	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.
		Not available.

# Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC10369409

**CAS number/other identifiers** 

Ingredient name	%	CAS number
Titanium dioxide	>= 5 - <= 10	13463-67-7
Tris(4-nonylphenyl, branched and linear) phosphite with $\ge 0.1\%$ w/w of 4-nonylphenol, branched and linear	>= 0.3 - <= 1	26523-78-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

#### Description of necessary first aid measures

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable

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		for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Eye contact Inhalation Skin contact Ingestion Over-exposure signs/symptoms	:	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
over enposite signs, symptoms		
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Indication of immediate medical atte	<u>entio</u>	n and special treatment needed, if necessary
Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without

See toxicological information (Section 11)

# Section 5. Fire-fighting measures

#### Extinguishing media

suitable training.

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Unsuitable extinguishing media	:	None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products	:	May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
Special protective actions for fire- fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel For emergency responders	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
Environmental precautions	:	See also the information in "For non-emergency personnel". Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the
Methods and materials for contain	ment aı	product has caused environmental pollution (sewers, waterways, soil or air).
rections and matching for containing	<u>incine ai</u>	in cleaning up
Small spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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# Section 7. Handling and storage

#### Precautions for safe handling

Protective measures Advice on general occupational hygiene	:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

# Section 8. Exposure controls/personal protection

## **Control parameters**

### **Occupational exposure limits**

Ingredient name	Exposure limits
Titanium dioxide	OSHA PEL 1989 (1989-03-01) TWA 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust ACGIH TLV (1996-05-18) TWA 10 mg/m3
Tris(4-nonylphenyl, branched and linear) phosphite with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear	None.

Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of

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		environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures		
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties

### **Appearance**

Physical state Color	:	solid [Pellets.] PURPLE
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.

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Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-	:	Not available.
octanol/water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
		<b>D</b> • NT / •1.11
Viscosity	:	Dynamic: Not available.
Viscosity	:	<b>Kinematic:</b> Not available.
Viscosity <u>Aerosol product</u>	:	
·	:	
<u>Aerosol product</u> Heat of combustion	:	Kinematic: Not available.
<u>Aerosol product</u> Heat of combustion Ignition distance	·	<b>Kinematic:</b> Not available. Not available.
<u>Aerosol product</u> Heat of combustion Ignition distance Enclosed space ignition - Time	:	<b>Kinematic:</b> Not available. Not available. Not available.
<u>Aerosol product</u> Heat of combustion Ignition distance Enclosed space ignition - Time equivalent	:	<b>Kinematic:</b> Not available. Not available. Not available.
<u>Aerosol product</u> Heat of combustion Ignition distance Enclosed space ignition - Time equivalent Enclosed space ignition -	:	<b>Kinematic:</b> Not available. Not available. Not available. Not available.
<u>Aerosol product</u> Heat of combustion Ignition distance Enclosed space ignition - Time equivalent Enclosed space ignition - Deflagration density	:	<b>Kinematic:</b> Not available. Not available. Not available. Not available.
<u>Aerosol product</u> Heat of combustion Ignition distance Enclosed space ignition - Time equivalent Enclosed space ignition -	:	Kinematic: Not available. Not available. Not available. Not available. Not available.

# Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	Avoid contact with acetal homopolymers and acetyl homopolymers during processing.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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# Section 11. Toxicological information

## **Information on toxicological effects**

Acute toxicity				
Product/ingredient name	Result	Species	Dose	Exposure
Titanium oxide (TiO2)				
	LC50 Inhalation	n Rat - Male	e 6.82 Mg/l	4 h
	Dusts and mists	5		
	LD50 Dermal	Rabbit	> 5,000 m	g/kg -
Conclusion/Summary	: Mixt	ture.Not fully to	ested.	
Irritation/Corrosion				
Conclusion/Summary				
Skin		ture.Not fully t		
Eyes		ture.Not fully t		
Respiratory	: Mix	ture.Not fully t	ested.	
Sensitization				
Conclusion/Summary				
Skin	: Mix	ture.Not fully t	ested.	
Respiratory	: Mix	ture.Not fully t	ested.	
<u>Mutagenicity</u>				
Conclusion/Summary	: Mix	ture.Not fully t	ested.	
<b>Carcinogenicity</b>				
Conclusion/Summary	: Mix	ture.Not fully t	ested.	
<b><u>Classification</u></b>				
Product/ingredient name	OSHA	IARC	NTP	

## **Reproductive toxicity**

Titanium oxide (TiO2)

Conclusion/Summary	:	Mixture.Not fully tested.
<u>Teratogenicity</u>		
Conclusion/Summary	:	Mixture.Not fully tested.

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Specific target organ toxicity (single Not available.	<u>expo</u>	<u>osure)</u>
Specific target organ toxicity (repeat Not available.	ed e	xposure)
Aspiration hazard Not available.		
Information on the likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Symptoms related to the physical, ch	emio	cal and toxicological characteristics
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact		No specific data.
Ingestion	:	No specific data.
-	lso c	chronic effects from short and long term exposure
<u>Short term exposure</u>		
Potential immediate effects		Not available.
Potential delayed effects	:	Not available.
i otentiai delayed enects	•	Not available.
Long term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
-		
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.

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**Developmental effects** : **Fertility effects** :

No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral	Dermal	Inhalation (gases)	Inhalation (vapors)	Inhalation (dusts and mists)
PVC PURPLE TUBE 8044G V2	N/A	N/A	N/A	N/A	6.82 Mg/l
Titanium oxide (TiO2)	N/A	N/A	N/A	N/A	6.82 Mg/l

**Other information** 

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

# Section 12. Ecological information

:

### **Toxicity**

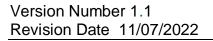
Product/ingredient name	Result	Species	Exposure
Titanium oxide (TiO2)	·		
	Acute LC50 > 1,000 Mg/l Marine water	Fish - Fundulus heteroclitus	96 h
	Acute LC50 3 Mg/l Fresh water	Crustaceans - Ceriodaphnia dubia	48 h
	Acute LC50 6.5 Mg/l Fresh water	Daphnia - Daphnia pulex	48 h
Phenol, nonyl-, 1,1',1"-phosphit	te		
	Acute EC50 0.42 Mg/l	Daphnia	48 h
PVC PURPLE TUBE 8044G V	12	· -	
Remarks - Acute - Aquatic invertebrates.:	Chemicals are not readily availabl	e as they are bound within the po	lymer matrix
Conclusion/Summary	: Chemicals are not read	ily available as they are bound wi	thin the

**Conclusion/Summary** 

Chemicals are not readily available as they are bound within the polymer matrix.

Persistence and degradability

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Conclusion/Summary:Chemicals are not readily available as they are bound within the<br/>polymer matrix.Conclusion/Summary:Chemicals are not readily available as they are bound within the<br/>polymer matrix.

## **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Phenol, nonyl-, 1,1',1"-phosphite	14	-	high

#### Mobility in soil

Soil/water partition coefficient (KOC)	:	Not available.
Other adverse effects	:	No known significant effects or critical hazards.

## Section 13. Disposal considerations

Disposal methods	:	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product recidues. A woid dimensel of apilled material and rupoff and
		product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

# Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water : Not regulated for transportation.

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International Air ICAO/IATA	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

# Section 15. Regulatory information

U.S. Federal regulations	United States - TSCA 12(b) - Chemica of the components are listed. United States - TSCA 4(a) - Final Test United States - TSCA 4(a) - ITC Prior United States - TSCA 4(a) - Proposed United States - TSCA 4(f) - Priority ri United States - TSCA 4(f) - Priority ri United States - TSCA 5(a)2 - Final sig isted United States - TSCA 5(a)2 - Proposed Not listed United States - TSCA 5(e) - Substance United States - TSCA 6 - Final risk ma United States - TSCA 6 - Final risk ma United States - TSCA 8(a) - Chemical United States - TSCA 8(a) - Chemical	t Rules: Not listed ity list: Not listed test rules: Not listed sk review: Not listed nificant new use rules: Not d significant new use rules: s consent order: Not listed anagement: Not listed k management: Not listed risk rules: Not listed rane precusor: Not listed Data Reporting (CDR): Not
	PAIR): Listed Quinacridone (C.I. P United States - TSCA 8(c) - Significan Not listed United States - TSCA 8(d) - Health an United States - EPA Clean water act ( pollutants: Listed Vinyl chloride mo United States - EPA Clean water act ( Hazardous substances: Not listed United States - EPA Clean air act (CA release prevention - Flammable substa United States - EPA Clean air act (CA release prevention - Flammable substa United States - EPA Clean air act (CA release prevention - Toxic substances: United States - Department of comment Not listed	t adverse reaction (SAR): d safety studies: Not listed CWA) section 307 - Priority momer CWA) section 311 - A) section 112 - Accidental ances: Not listed A) section 112 - Accidental Not listed

Clean Air Act Section 112(b)

: Listed

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:	Not listed
:	Not listed
:	Not listed
:	Not listed
	:

## US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

#### SARA 311/312

Classification

Not applicable.

:

## **Composition/information on ingredients**

No products were found.

Name	%	Classification
Titanium oxide (TiO2)	>= 5 - <= 10	CARCINOGENICITY - Category 2
Phenol, nonyl-, 1,1',1"- phosphite	>= 0.3 - <= 1	SKIN SENSITIZATION - Category 1

Not applicable.

State regulations		
Massachusetts	:	None of the components are listed.
New York	:	None of the components are listed.
New Jersey	:	The following components are listed:
		Ethene, chloro-, homopolymer
		Titanium dioxide
Pennsylvania	:	The following components are listed:
		Titanium dioxide

#### California Prop. 65

**WARNING:** This product can expose you to Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

	Ir	ngredient name	No significant risk level	Maximum acceptable dosage level
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Titanium dioxide		-	-
United States inventory (TSCA 8b)	:	All components are active or exempted.	
Canada inventory	:	All components are listed or exempted.	
International regulations			
Inventory list			
Australia Canada China Europe inventory Japan New Zealand Philippines Republic of Korea Taiwan Turkey		All components are listed or exempted. All components are listed or exempted.	
United States	:	All components are active or exempted.	

# **Section 16. Other information**

Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

Key to abbreviations	:	ATE = Acute Toxicity Estimate
Version	:	1.1
Date of previous issue	:	11/01/2022
Date of issue/Date of revision	:	11/07/2022
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BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations Not available.

References

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.